

2 external connection contacts, comprising:
3 a first device, disposed on the BGA package, and having a plurality of
4 electrical connections connected to a first set of the external electrical connection
5 contacts; and
6 a second device, disposed on the BGA package, and having a plurality of
7 electrical connections connected to a second set of the external electrical
8 connection contacts;
9 wherein the first and second sets of the external electrical connections are
10 segregated in two sections which are electrically isolated from each other, and
11 the two sections are separated by at least a first distance wherein the first
12 distance is based upon an expected difference in operating voltage between first
13 device and the second device.

1 2. (Amended) The package of claim 1, wherein the first distance is in accordance
2 with a predetermined standard.

1 3. (Amended) The package of claim 2, wherein the standard specifies a physical
2 separation distance between conductors based at least upon a voltage between
3 the conductors.

1 5. (Amended) The package of claim 4, wherein the standard specifies a physical
2 separation distance between conductors based at least upon a voltage between
3 the conductors.

1 13. (Amended) A ball grid array package, comprising:
2 a plurality of layers, including a signal layer, a power layer, a ground layer
3 and a bottom layer;
4 wherein each of the layers includes a plurality of sets of electrical
5 conductors that are segregated into a corresponding plurality of sections which
6 are electrically isolated from one another by a minimum distance based upon an
7 expected voltage difference between the sets of electrical conductors, each of
8 the plurality of sets of electrical conductors being adapted for connection to a
9 corresponding integrated circuit.

1 15. (Amended) The package of claim 14, wherein the predetermined standard
2 specifies a physical separation distance between conductors of the package
3 based at least upon a voltage between the conductors.

REMARKS

This is in response to the Office Action of 20 March 2003. Claims 1-17 are pending in the application, Claims 8-12 have been withdrawn from consideration, and Claims 1-7 and 13-17 have been rejected.

By this response and amendment, non-elected Claims 8-12 have been cancelled from this application without prejudice or disclaimer; Claims 1-3, 5, 13 and 15 have been amended; and arguments are presented.

No new matter has been added.

In view of the remarks below, Applicant respectfully requests